

TO ALL WHOM IT MAY CONCERN:

Be it known that we, John W. Meyer and Doug Jacobe, citizens of the United States of America, and residing at 53 Andy Creek Lane, Cascade, Montana 59421, and 118 Andy Creek Lane, Cascade, Montana 59421, respectively, have invented an improvement in a

SAND AND SEED DIVOT REPLACER FOR GOLFERS

of which the following is a

SPECIFICATION

BACKGROUND OF INVENTION

The present invention relates to a sand and seed divot replacer for use by golfers.

When golfing, golfers often form divots in the fairways when making golf shots. Many golf courses request golfers to replace the divots with a sand and seed mixture allowing new grass to form.

Known sand and seed divot replacers include a bottle with spout. The bottle is provided with a threadably removable bottom wall for closing the bottom of the bottle. In order to fill

these bottles, the bottle and spout are inverted and the threaded bottom wall removed. The seed and sand mixture is then poured into the inverted bottle. With these devices, however, the spout needs to be closed when filling the bottle with the sand and seed mixture. This can be inconvenient and may cause loss of seed and sand mixture during the filling process. Further, the known sand and divot bottle kits include holders for holding the bottle. But with the known holders, the bottle is held loosely in the holder causing the bottle to rattle when a golf cart, to which the holder is mounted, is driven around the golf course.

With the present invention, many of the problems of the known sand bottle kits are resolved. The spout is threadably mounted to the bottle, and when it is desired to fill the bottle, the threaded spout is removed and the bottle simply filled. There is no loss of sand and seed, and there is no need to close the spout when filling the bottle. Further, a holder is provided which seats the bottle in the holder to prevent rattling.

SUMMARY OF INVENTION

The present invention includes a spout having an elongate spout body with a bent pour spout integrally formed at one end thereof. At the other end of the hollow spout body, a female threaded portion is integrally formed on the inner surface of the spout body at the end distal from the bent pour spout. A bottle is provided including a cylindrically-shaped main body portion. This bottle is open at the top and closed at the bottom with a

bottom wall. The bottle includes a male threaded portion located on the exterior of the main body portion adjacent the top for threadably mating with the female threaded portion of the spout. The bottom wall further includes an indented hemispherical portion centrally located. A holder is provided having a main body portion open at the top and closed at the bottom with a bottom wall. The holder is sized for receiving the bottle and spout. The bottom wall of the holder means includes a plurality of cut-outs spaced around the periphery of the bottom wall, and further includes an indented hemispherical portion sized for nesting in the indented hemispherical portion of the bottle. Further, the holder includes a mounting bracket integrally formed to the exterior surface of the main body portion of the holder for mounting the holder to a support structure, such as a golf cart.

DESCRIPTION OF THE DRAWINGS

In order that the invention may be clearly understood and readily carried into effect, a preferred embodiment of the invention will now be described, by way of example only, with reference to the accompanying drawings wherein:

Fig. 1 is a perspective view of the present invention completely assembled;

Fig. 2 is a perspective view of a bottle and spout assembled in accordance with the present invention;

Fig. 3 is a perspective view of the spout used with the present invention;

Fig. 4 is a front elevational view of the bottle used with the present invention;

Fig. 5 is a bottom view of the bottle shown in Fig. 4; and

Fig. 6 is a perspective view of a bottle holder according to the present invention.

DESCRIPTION OF A PREFERRED EMBODIMENT

A sand and seed divot replacer 10 is shown in Fig. 1. The sand and seed divot replacer 10 includes a bottle holder 12 for holding a bottle 14 having a spout 16. The bottle 14 with spout 16 is shown in Fig. 2 being separated from holder 12.

As shown in Fig. 3, the spout 16 includes a main spout portion 20 having a longitudinal axis. At one end of the main spout portion 20, an enlarged portion 21 is integrally formed thereto. Female threads 18 are integrally formed on an interior surface of the enlarged portion 21. At an end of the main spout portion 20, distal from the female threads 18, a bent pour spout 22 is integrally formed with the main spout portion 20. The bent pour spout extends in a direction generally perpendicular to the longitudinal axis of the main spout portion 20. The spout 16 is open through the enlarged end 21, the main spout portion 20 and the spout end 22.

The bottle 14 is shown in Figs. 4 and 5, and includes a male threaded top end 24 to be received by threaded lid 18 of spout

16. Bottle 14 further includes a cylindrically shaped main body portion 26 and a closed end wall 28, as shown in Fig. 5. The end wall 28 includes a concave hemispherical indented portion 30 extending toward the interior of bottle 14.

The bottle holder 12 is shown in Fig. 6. The holder 12 includes a cylindrical wall section 38 having an open top 40 and a bottom wall 42. The bottom wall includes a hemispherical indented portion 44 extending toward the interior of holder 12, which portion is sized to nest within the hemispherical indented portion 30 of bottle 14 when bottle 14 is placed in holder 12. An axial hole 45 is provided in indented portion 44.

The bottom wall 42 further includes three cutouts, 46, 48 and 50, as shown in Fig. 6.

The holder 12 further includes a mounting bracket 52 having screw holes 54 which, if desired, can be used to mount the holder to an appropriate surface of a golf cart, for example.

In operation, the bottle 14 is filled with seed and sand by unscrewing spout 16 from bottle 14, and filling bottle 14 with sand and seed. The spout 16 is then threaded onto bottle 14. The bottle 14 with spout 16 is then placed in bottle holder 12 for storage. With the indented portion 44 of holder 12 nesting within the indented portion 30 of bottle 14, the bottle 14 is prevented from rattling when the golf cart is driven around the golf course. When it is desired to use bottle 14 to fill a divot, the bottle 14 with spout 16 is removed from holder 12 and

sand and seed poured through spout end 22 into the divot to be repaired.

While the fundamental novel features of the invention have been shown and described, it should be understood that various substitutions, modifications, and variations may be made by those skilled in the art, without departing from the spirit or scope of the invention. Accordingly, all such modifications or variations are included in the scope of the invention as defined by the following claims: